

FIG. 1

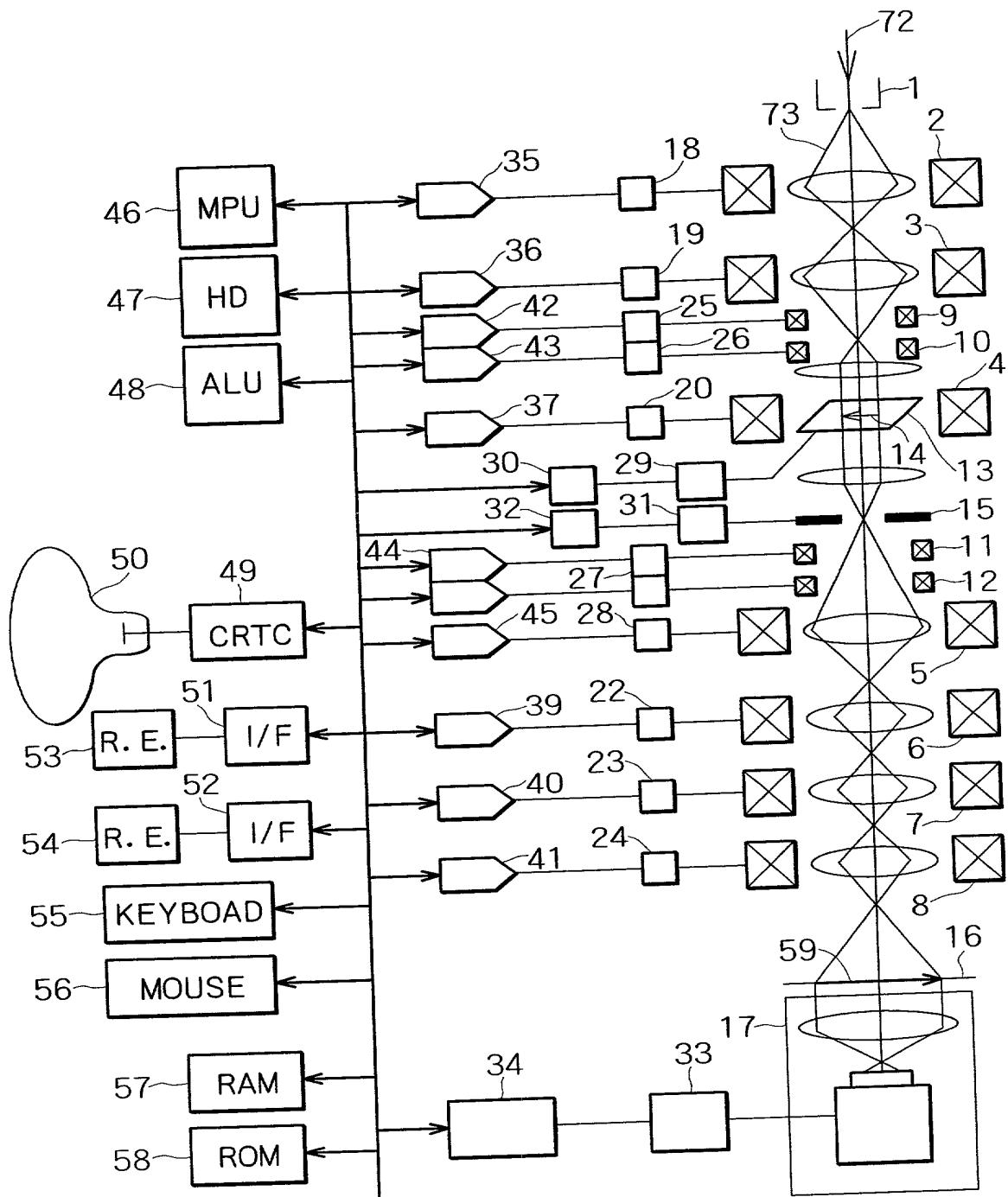


FIG. 2

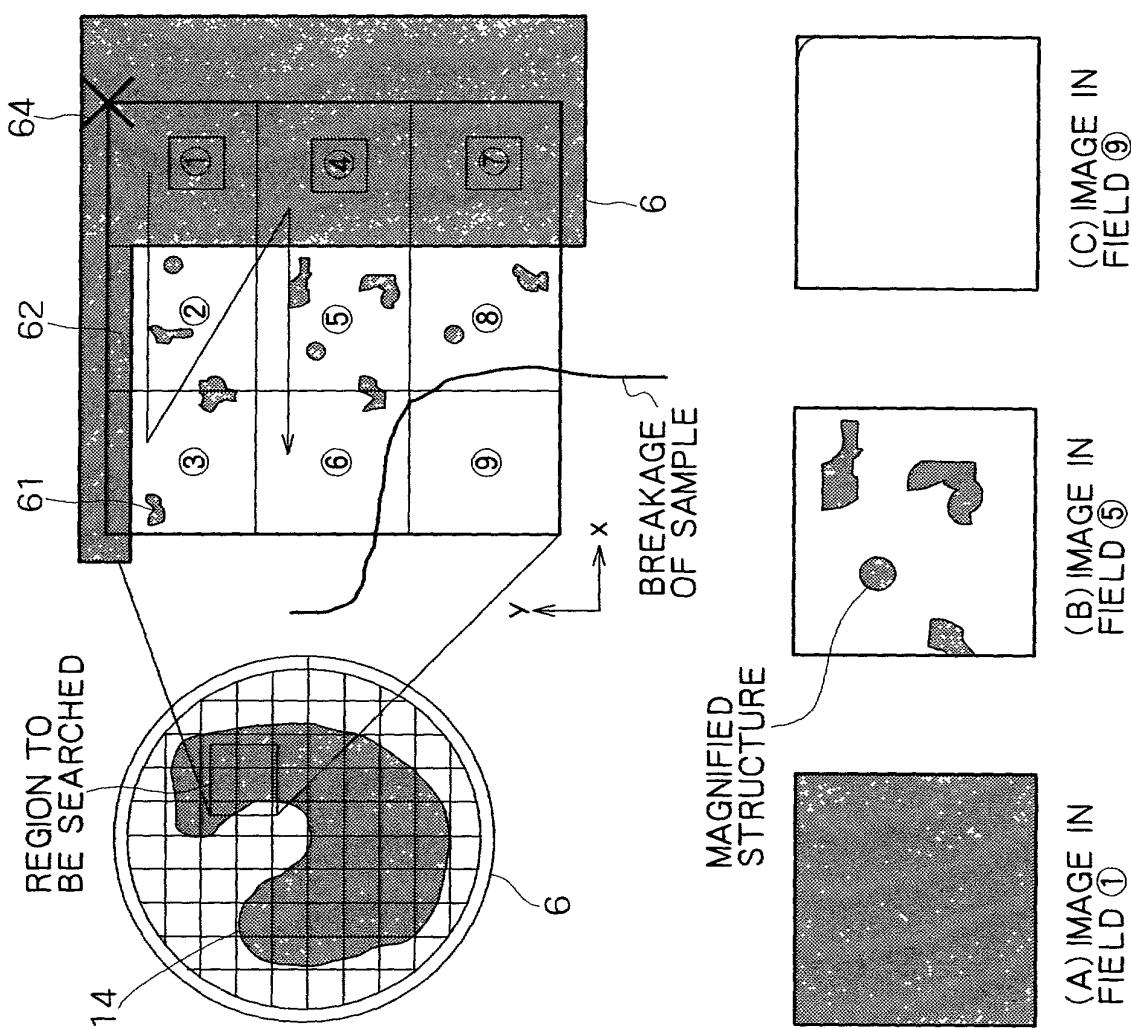
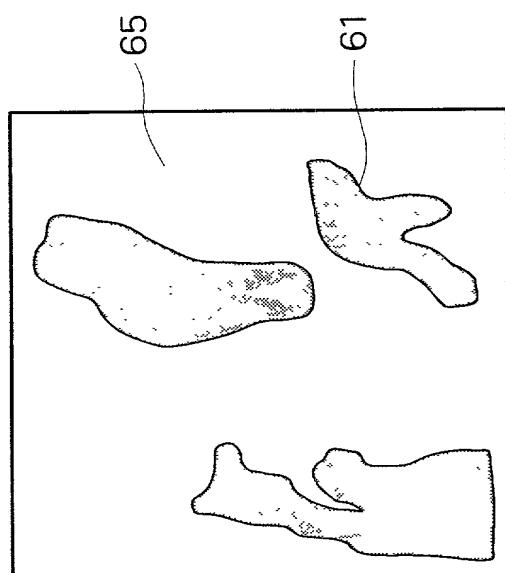
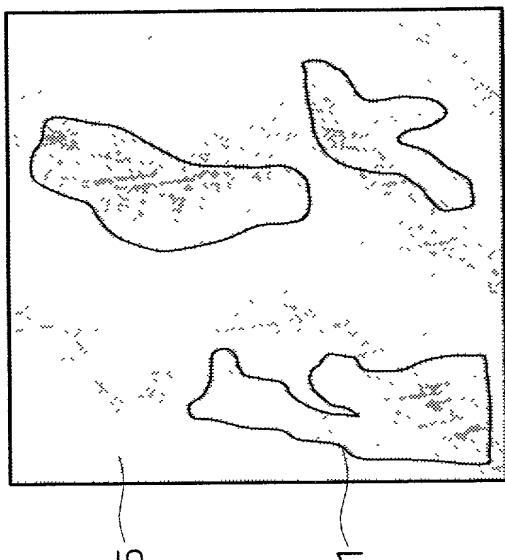


FIG. 3A



N

FIG. 3B



M

EXAMPLE OF MAGNIFIED
SAMPLE TRANSMISSION IMAGE

EXAMPLE OF MAGNIFIED
SAMPLE TRANSMISSION IMAGE (LOW CONTRAST)

N

FIG. 4

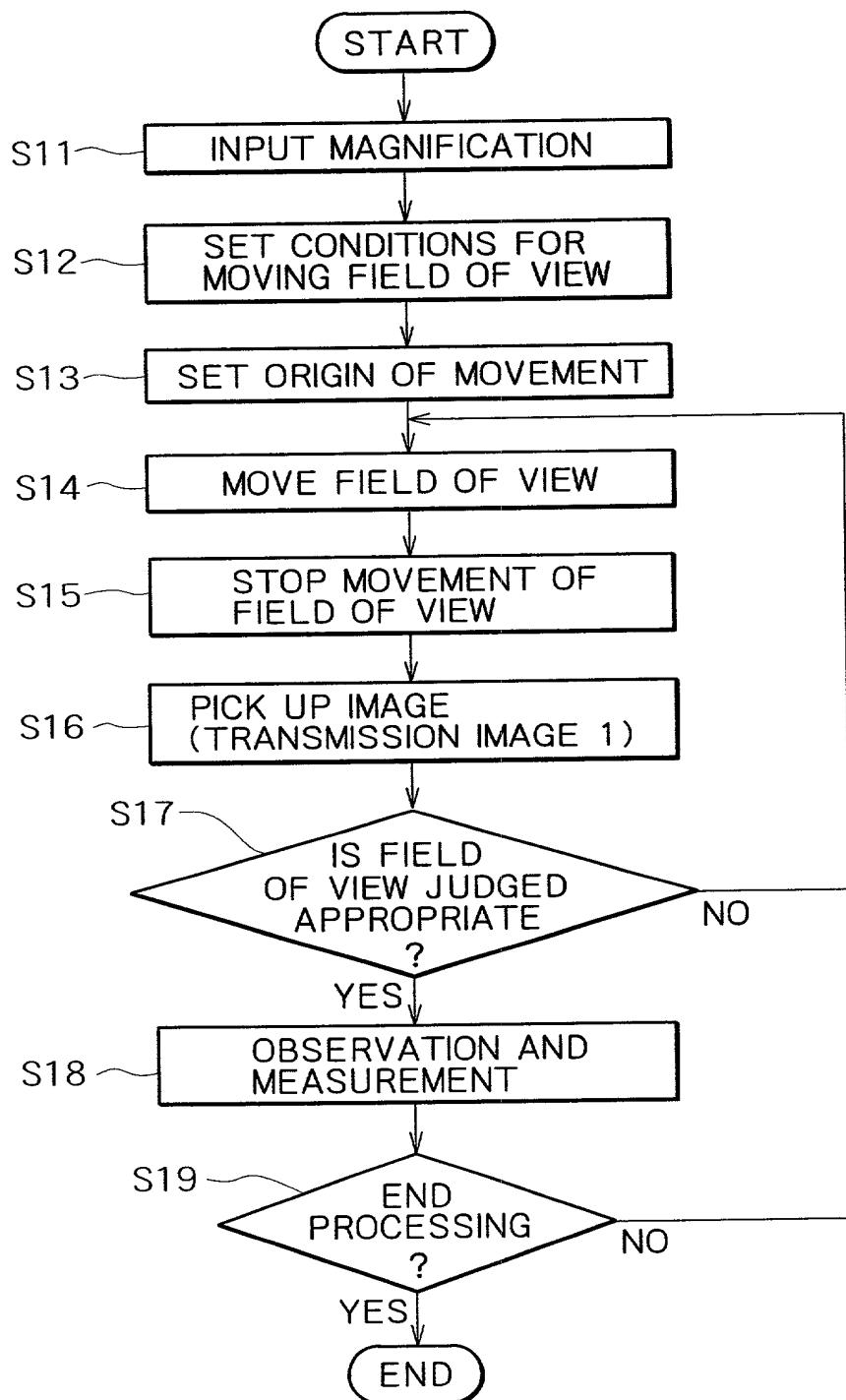


FIG. 5A

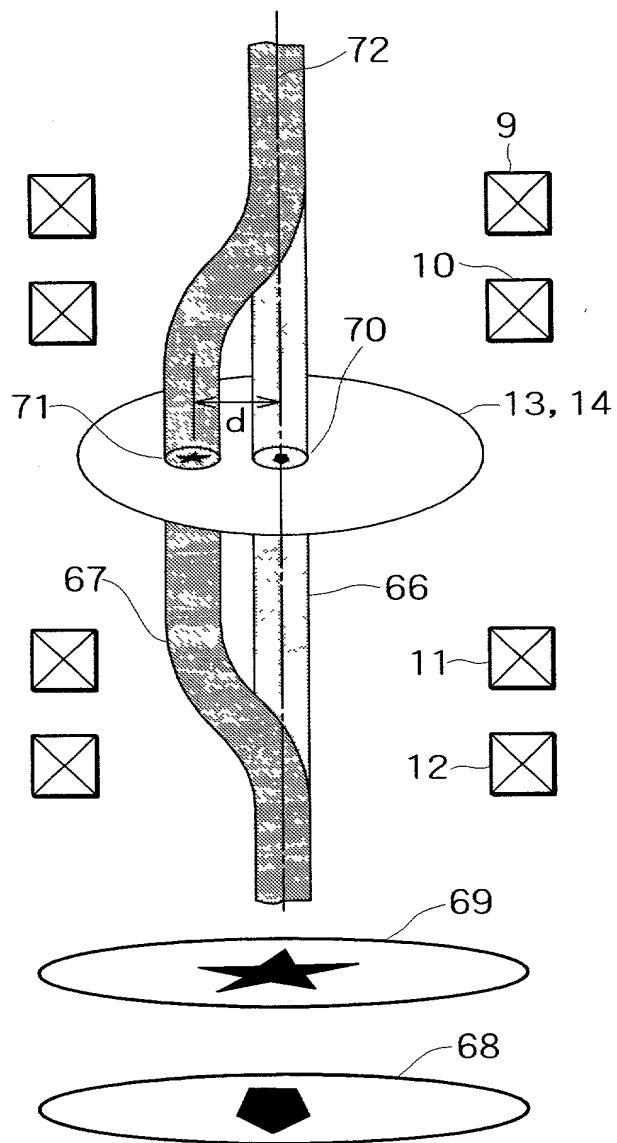
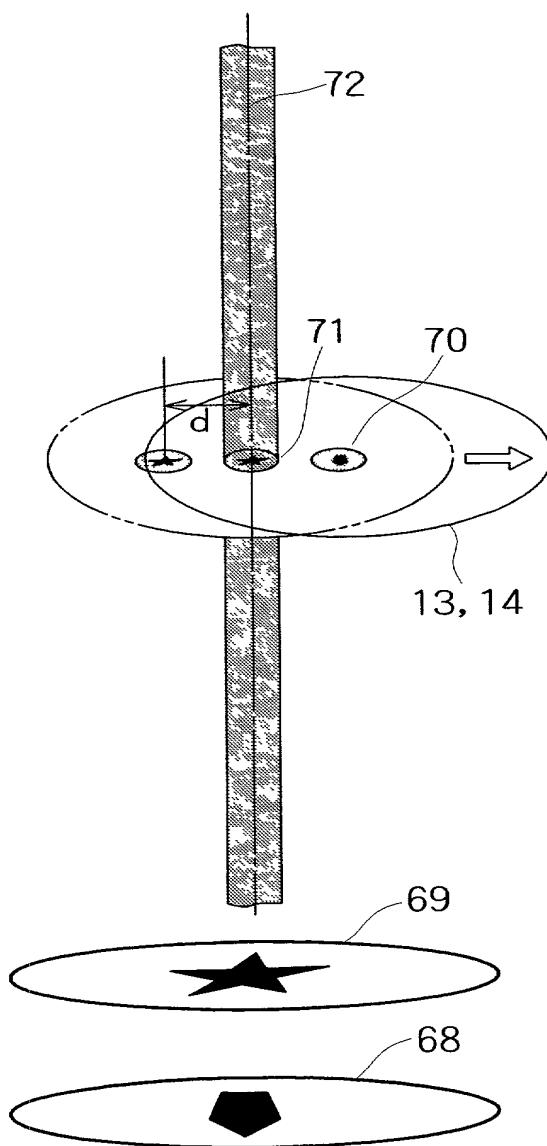


FIG. 5B



ELECTROMAGNETIC
MOVEMENT OF FIELD OF
VIEW USING ELECTRON
BEAM DEFLECTING COIL

MECHANICAL MOVEMENT
OF FIELD OF VIEW USING
SAMPLE STAGE DRIVER

FIG. 6A

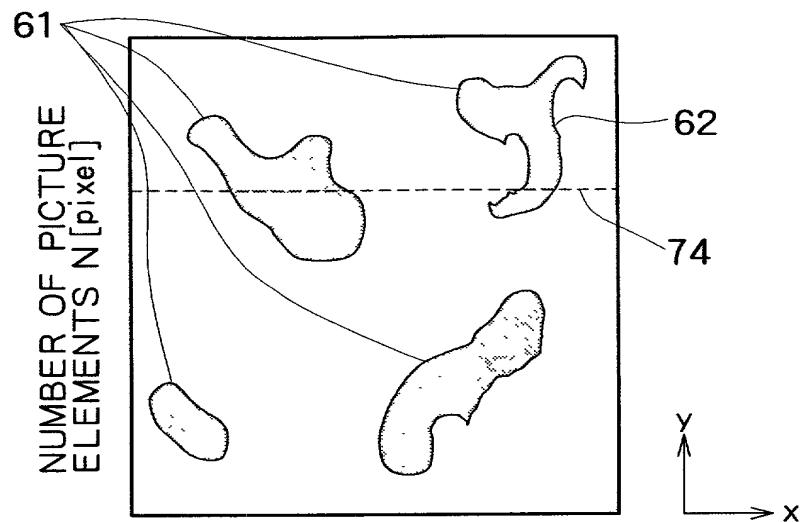


FIG. 6B

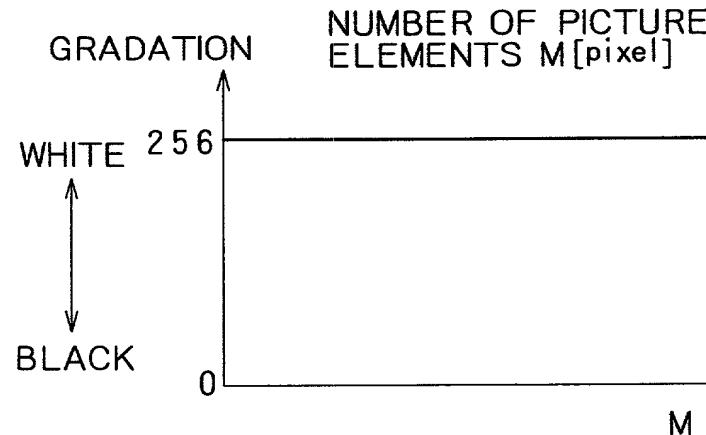


FIG. 6C

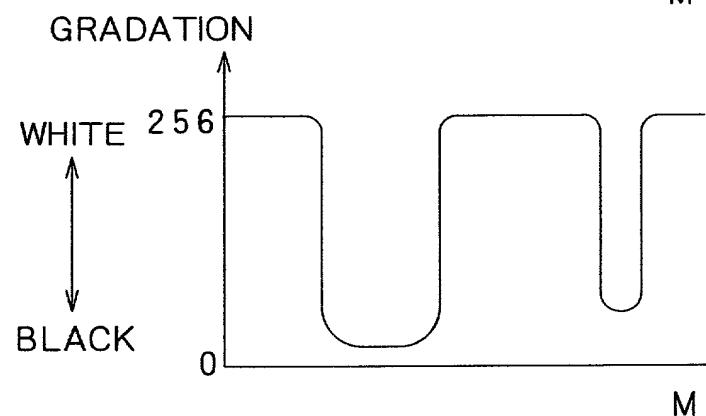


FIG. 6D

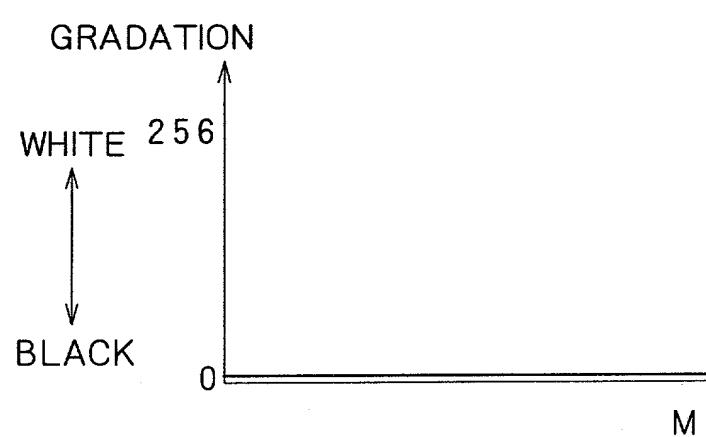


FIG. 7

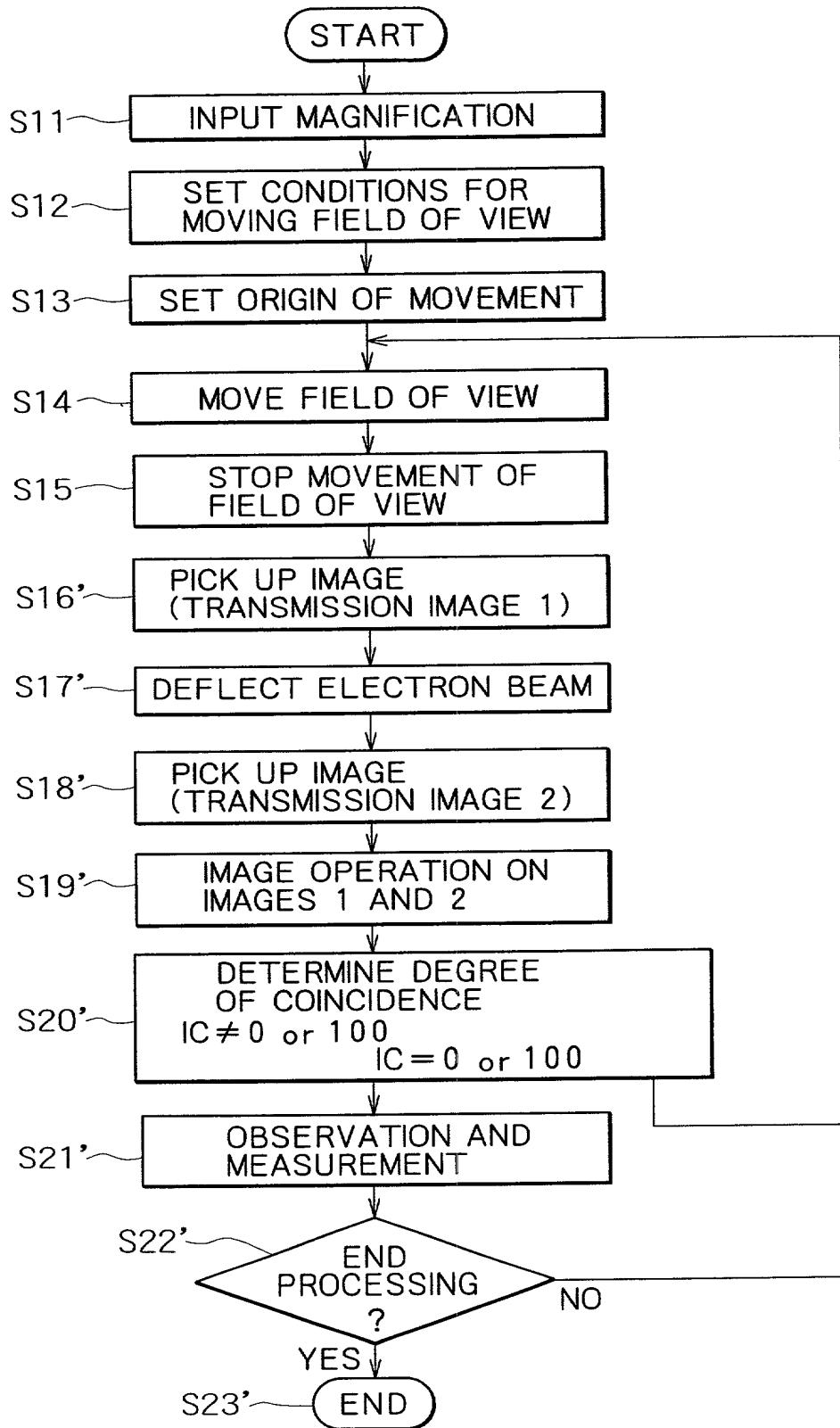


FIG. 8

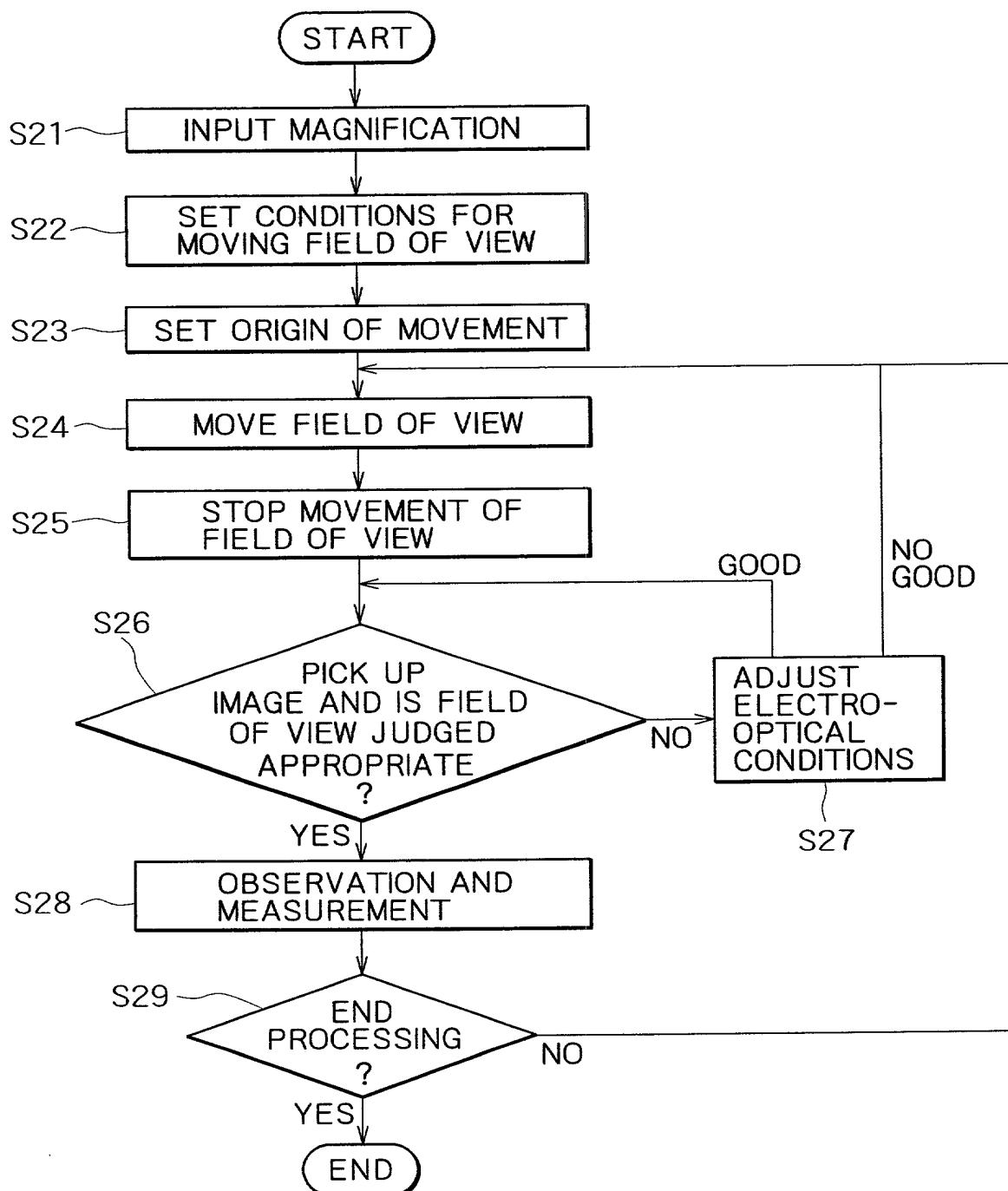


FIG. 9

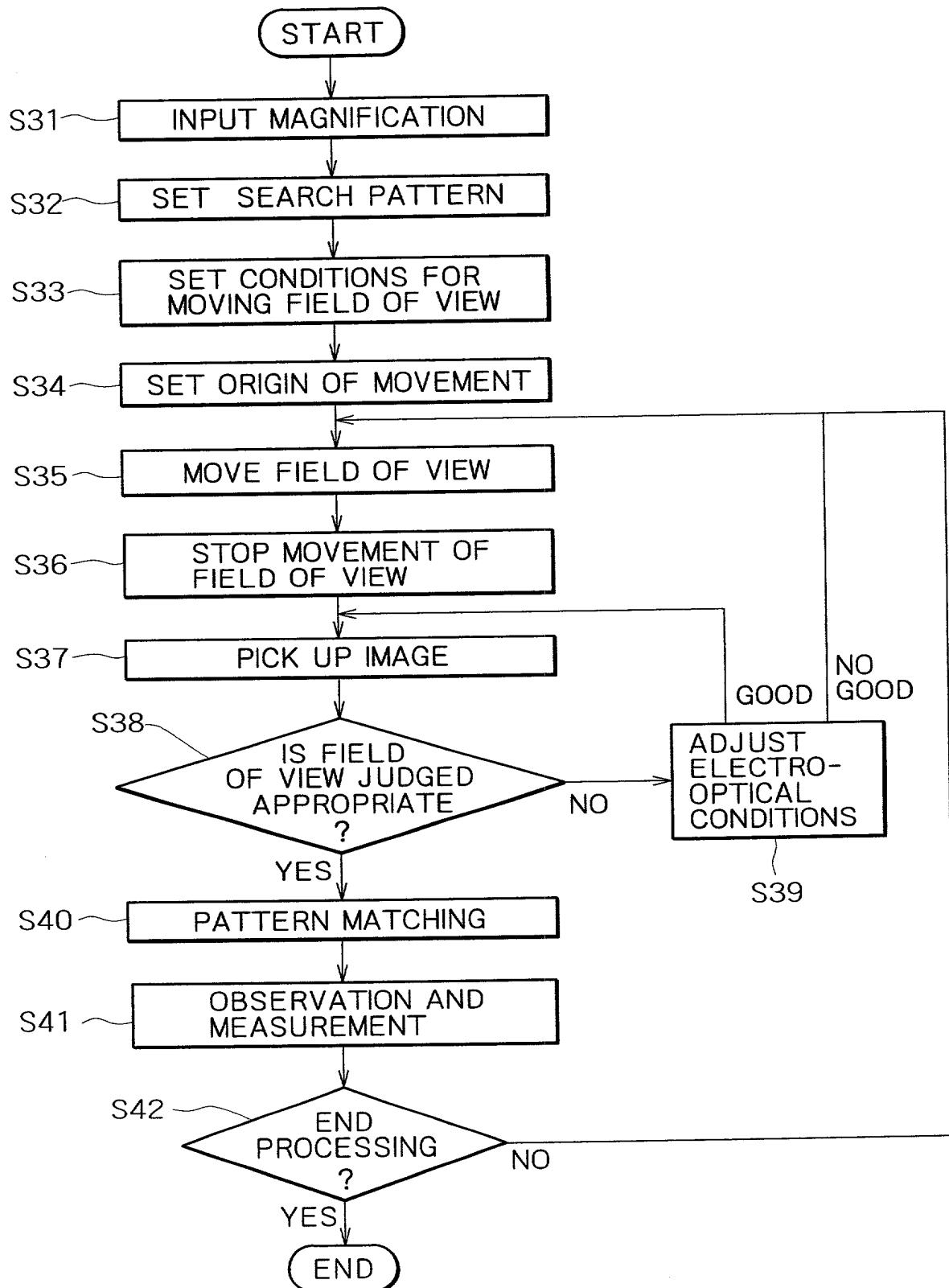
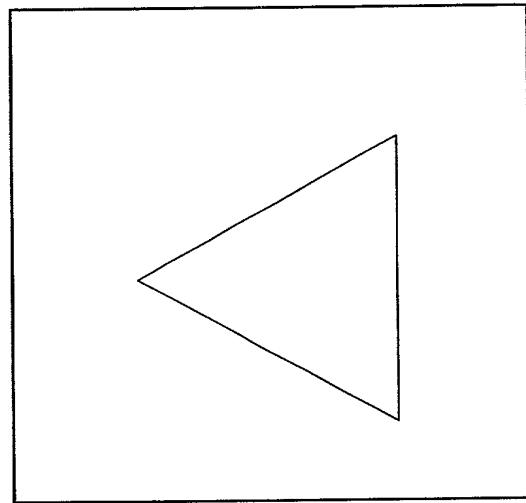


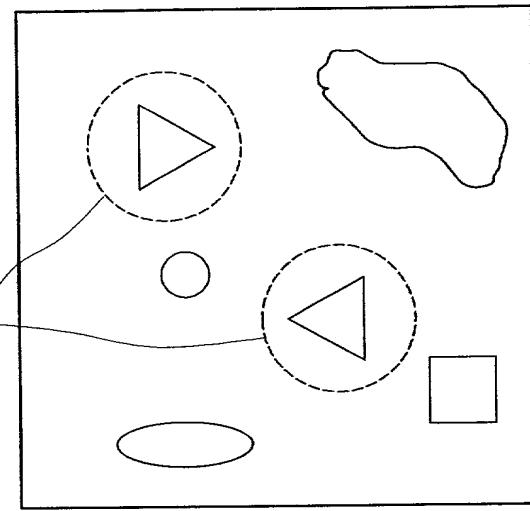
FIG. 10A



SEARCH TARGET
PATTERN

FIG. 10B

SEARCH SAMPLE
(MARKING)



PICKED-UP FIELD OF VIEW
NUMBER OF SEARCH
SAMPLES=2

FIG. 11

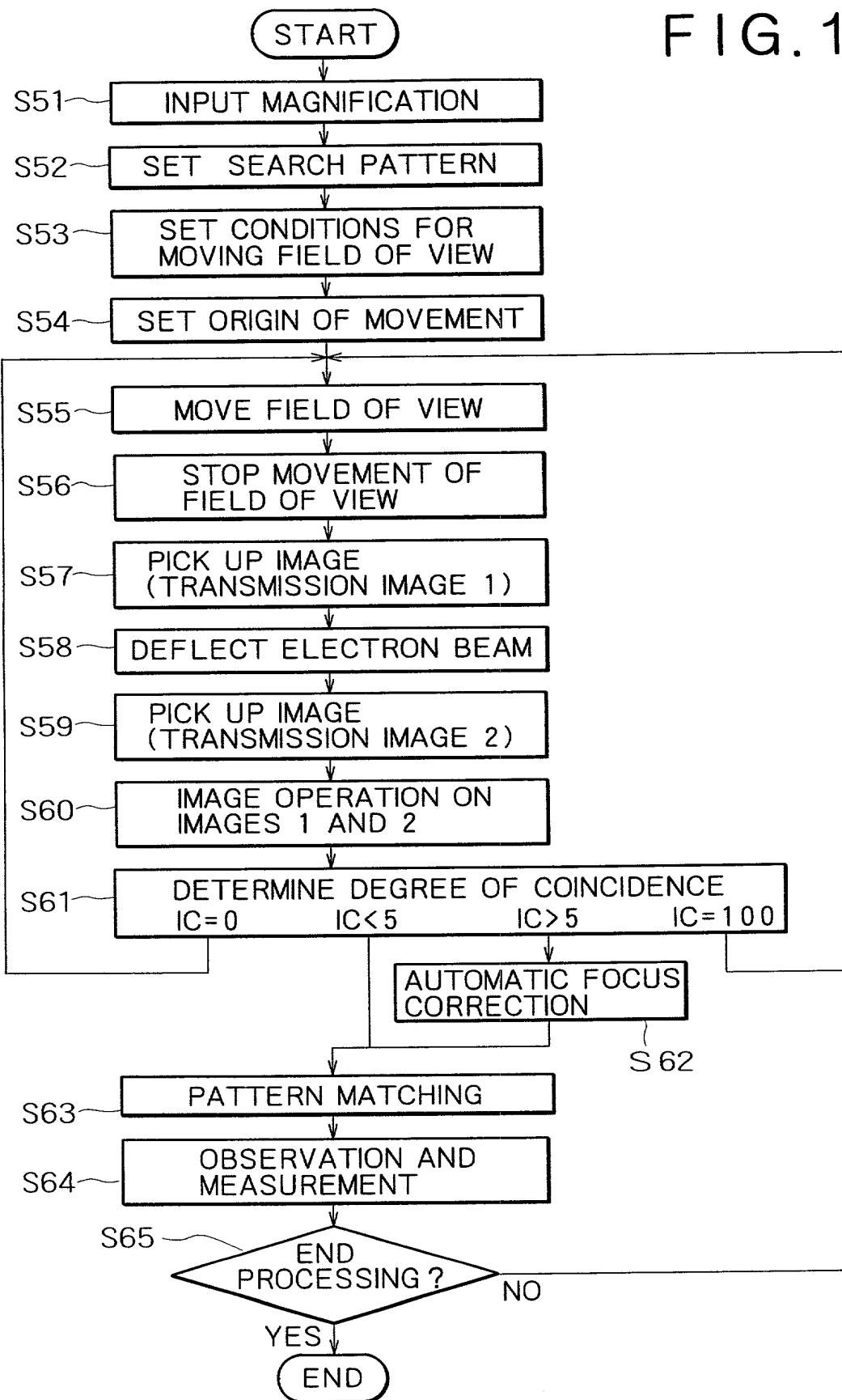


FIG. 12

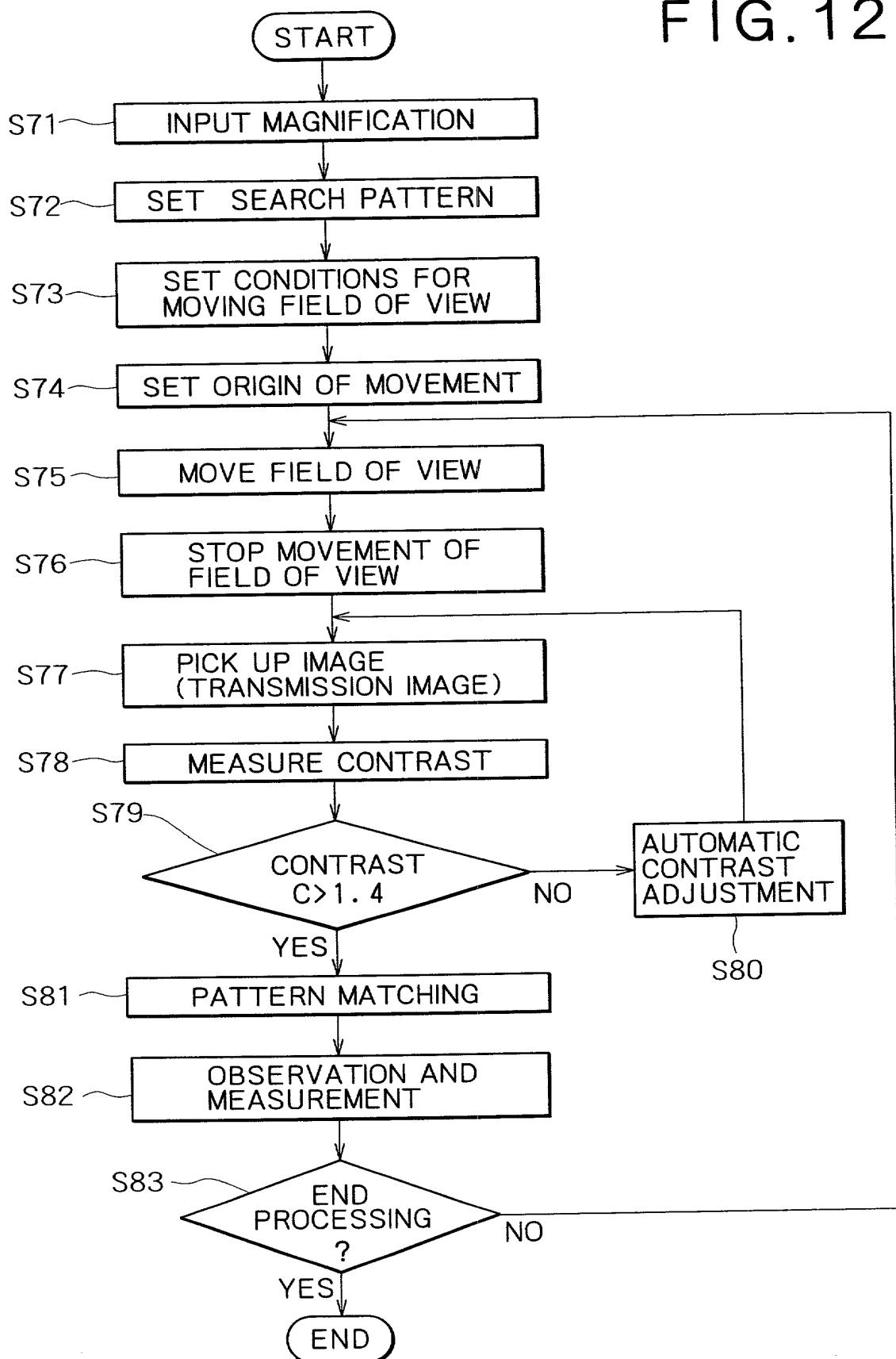


FIG. 13 (1)

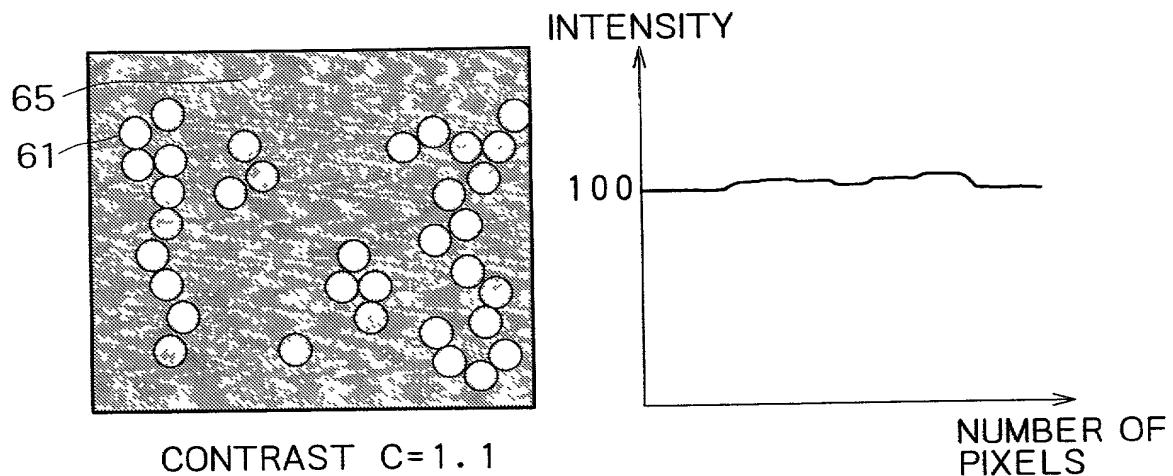


FIG. 13 (2)

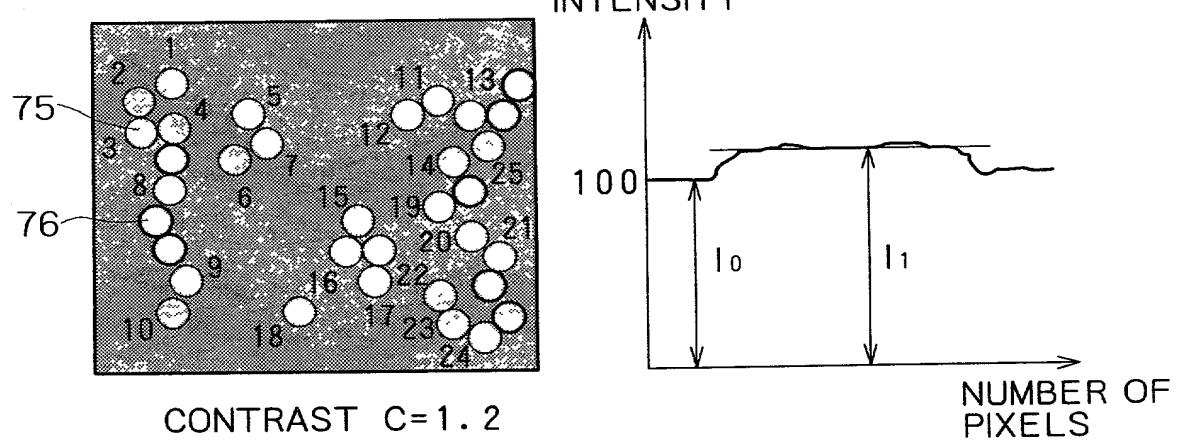


FIG. 13 (3)

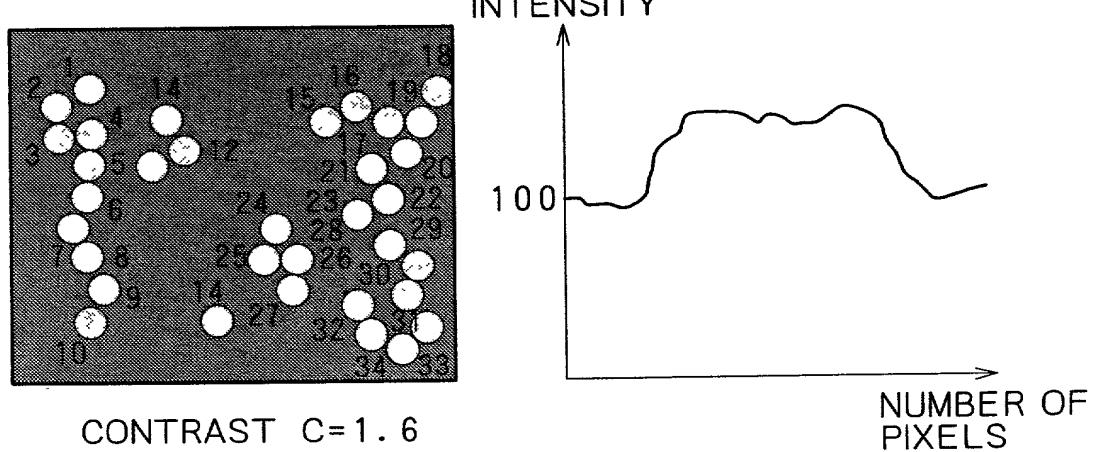


FIG. 14

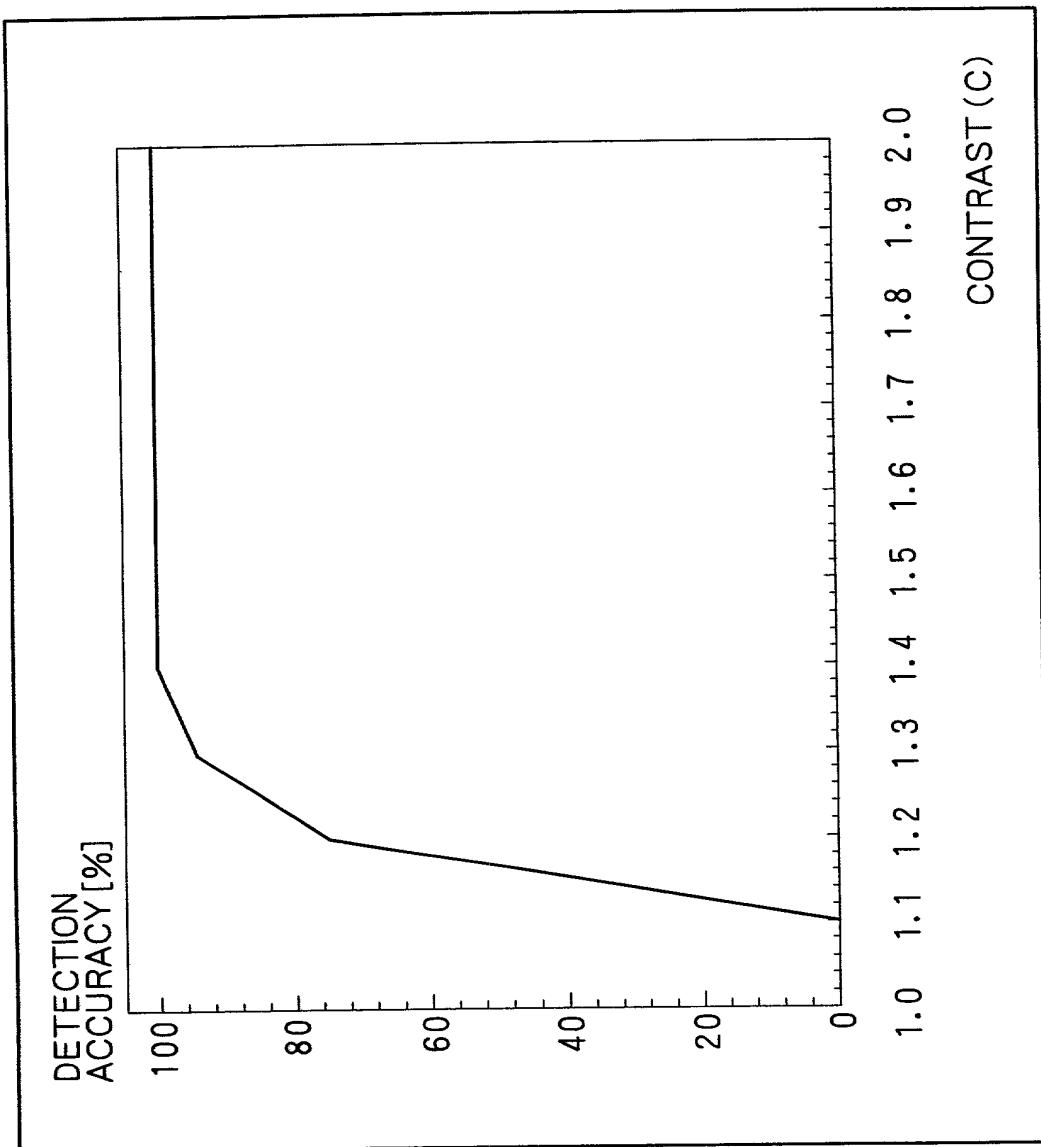


FIG. 15

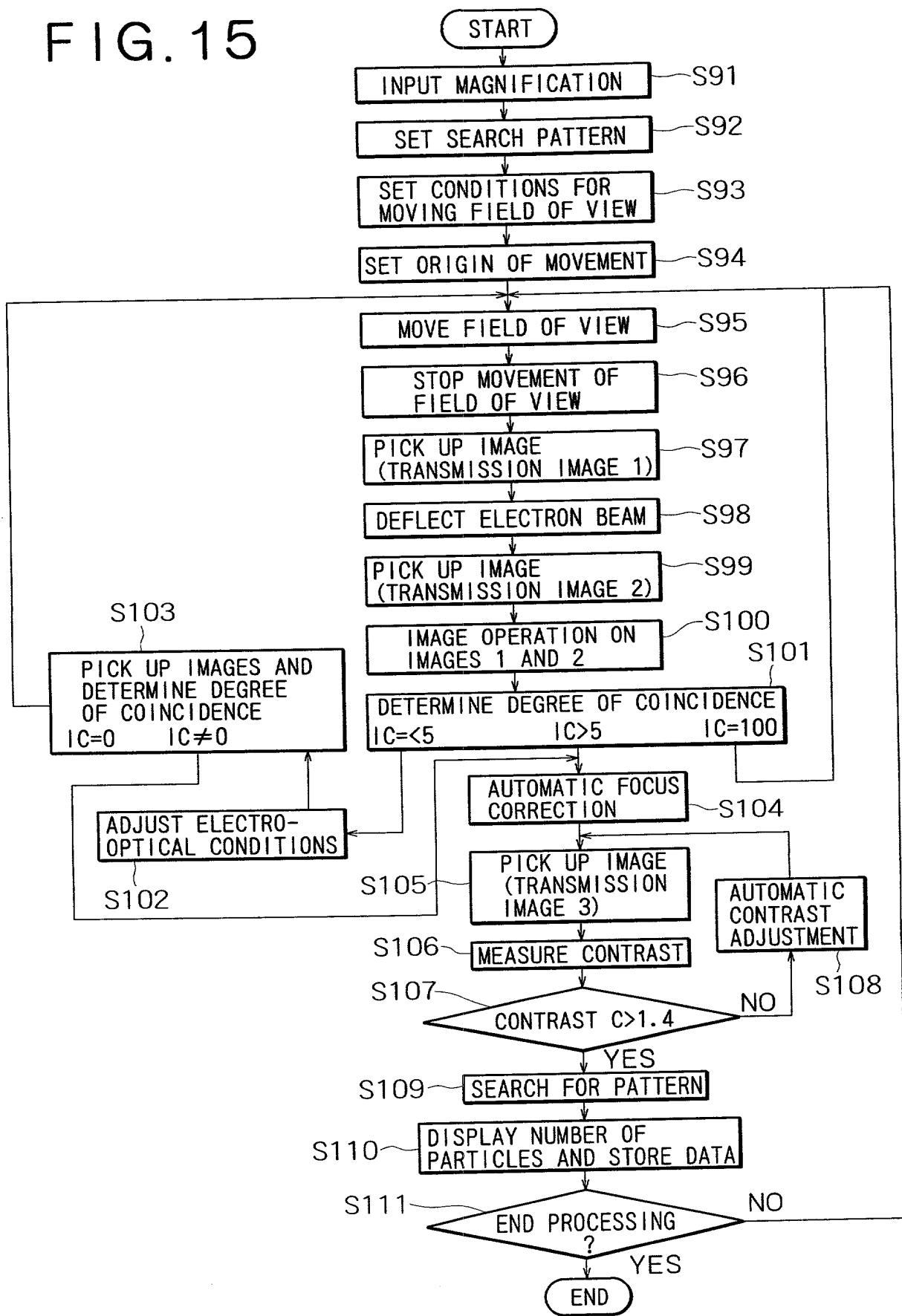


FIG. 16

